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Streptococcus pneumoniae and the host cell

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Document Version

Publisher's PDF, also known as Version of record

Publication date:

2012

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

Gradstedt, P. H. (2012). *Streptococcus pneumoniae and the host cell*. [Thesis fully internal (DIV), University of Groningen]. [s.n.].

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Stellingen behorende bij het proefschrift '*Streptococcus pneumoniae* and the host cell'

1. "The Gram-positive bacterium *Streptococcus pneumoniae* is a commensal resident of the human nasopharyngeal cavity."
This Thesis- Chapter 1
2. "Facts are meaningless. You could use facts to prove anything that's even remotely true!" Homer J. Simpson
3. "The combined results presented in Chapter 2 of this thesis are a strong indication that *S. pneumoniae* could actively coordinate its escape from a cell once internalized."
4. "To err is human, to moo bovine." Unknown
5. "The respiratory tract pathogen *S. pneumoniae* needs to adapt to the various conditions it encounters during transmission, colonization, and disease." This Thesis- Chapter 3
6. "No matter how much you whip a donkey it can't become race horse."
Henrik Gradstedt
7. "Based on the results presented in Chapter 4 of this thesis, it is tempting to speculate that the *mgtC*/ABC operon and its regulator are involved in the dynamics of colonization vs. invasion, and as such mediate the switch from a commensal lifestyle to invasive pathogen."
8. "Det flyger inga stekta sparvar in i munnen på dig." Marit Gradstedt.
9. "The fact that *S. pneumoniae* utilizes both clathrin- and caveolae-mediated endocytosis can also be viewed as a consequence of innate invasion, meaning that *S. pneumoniae* can, to some degree, utilize the host cell's "normal" uptake routes for invasion." This Thesis - Chapter 5
10. "There are three kinds of lies: lies, damned lies, and statistics."
Unknown, possibly Benjamin Disraeli, 1st Earl of Beaconsfield
11. "the question remains: how³ exactly does *S. pneumoniae* become invasive?" This thesis- Chapter 6
12. "The race is long, and in the end, it is only with yourself." Baz Luhrmann